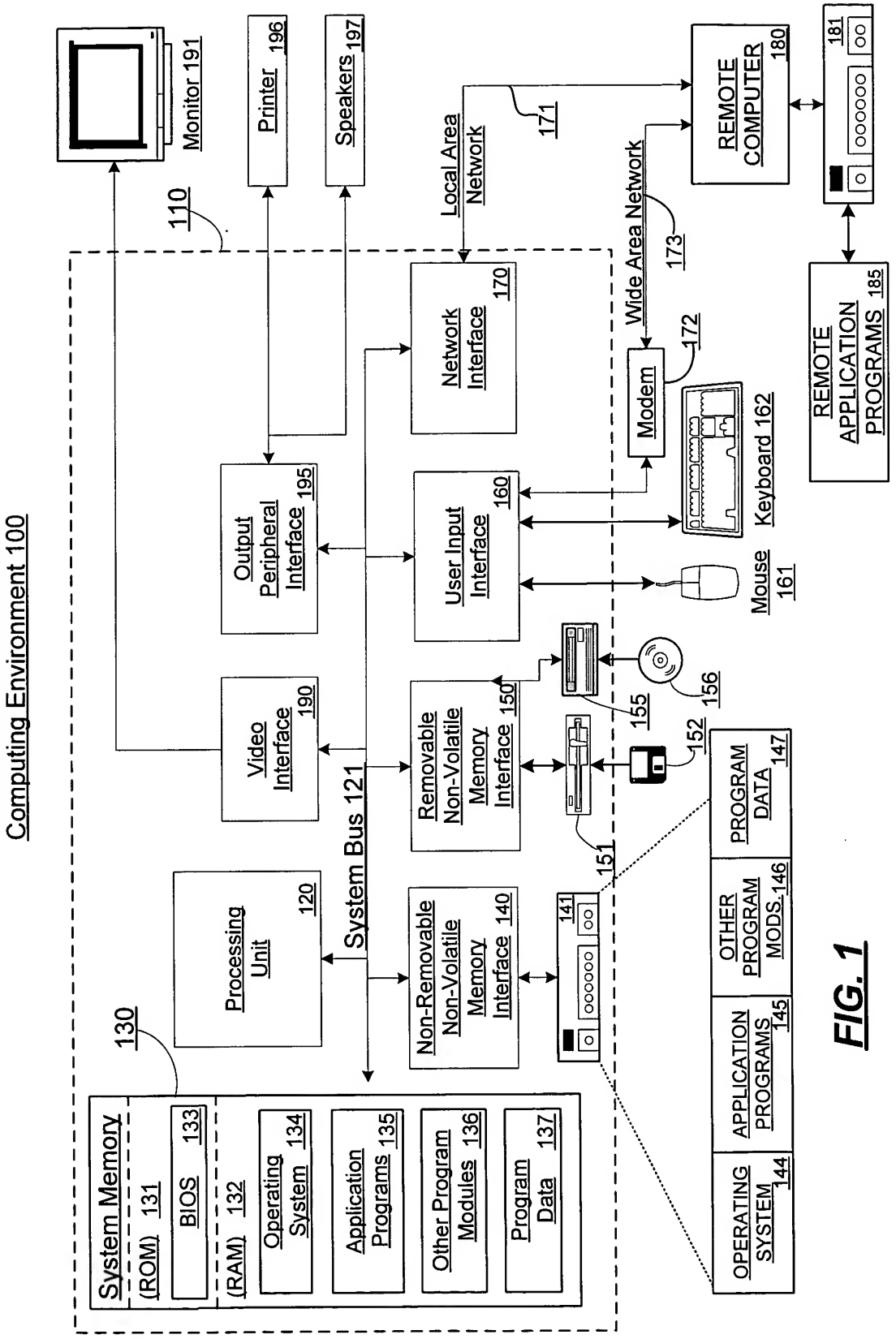
Computing Environment 100
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Printer 196
Speakers 197
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Wide Area Network
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Modem 172
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(RAM) 132
Operating System 134
Application Programs 135
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OPERATING SYSTEM 144
APPLICATION PROGRAMS 145
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FIG. 1

200

```
<ADDRESS>    ~202
    <STREET = "123 Main Street">    ~204
    <CITYSTATEZIP>    ~206
        <CITY = "Redmond">    ~208
        <STATE = "Washington">    ~210
        <ZIP>    ~212
            <FIVEDIGIT = "98052">    ~214
            <PLUSFOUR = "0123">    ~216
        </ZIP>    ~218
    </CITYSTATEZIP>    ~220
</ADDRESS>    ~222
```

FIG. 2

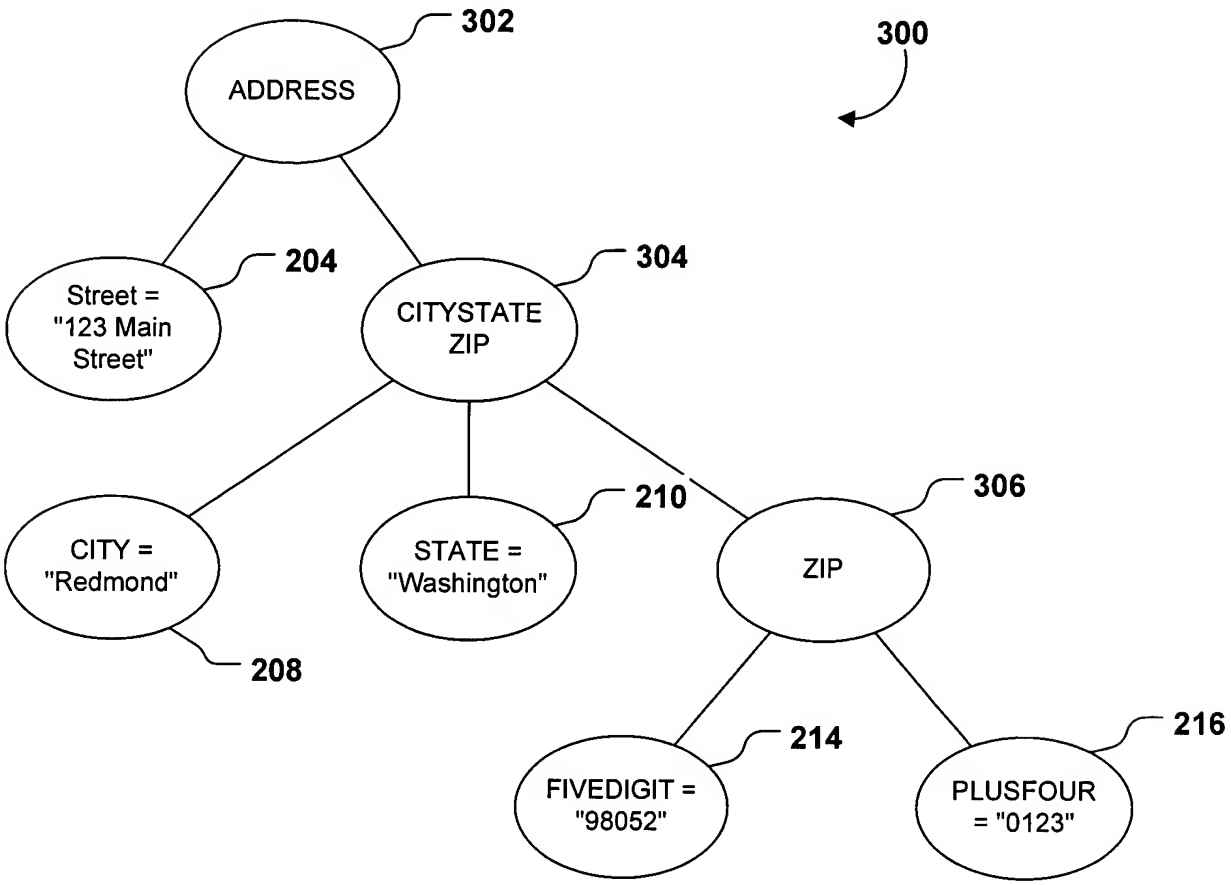
302
300
ADDRESS
204
304
Street = "123 Main Street"
CITYSTATE ZIP
210
306
CITY = "Redmond"
STATE = "Washington"
ZIP
208
214
216
FIVEDIGIT = "98052"
PLUSFOUR = "0123"

FIG. 3

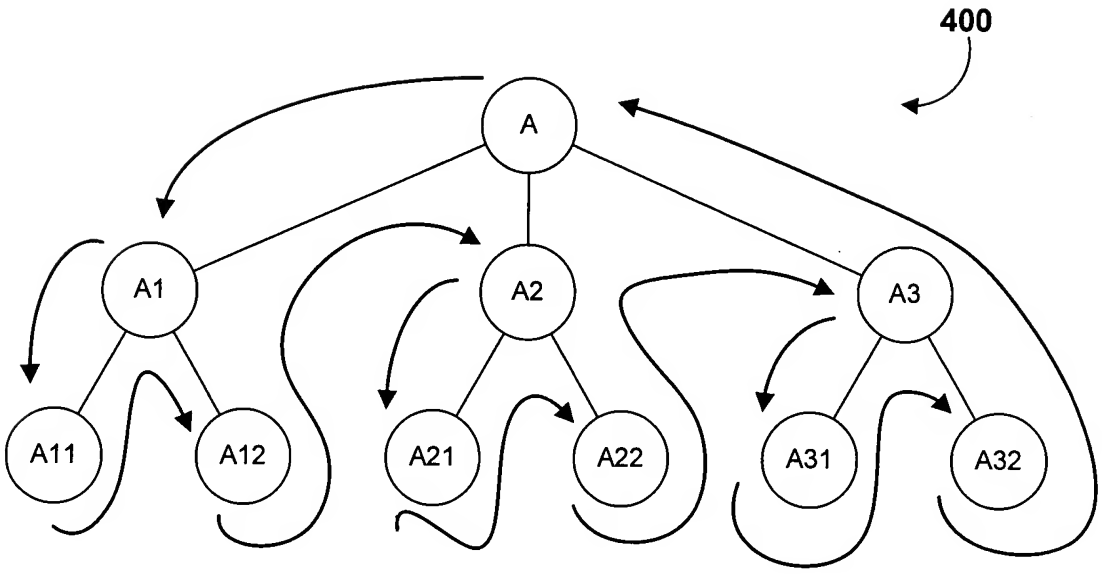

FIG. 4

500

502 504 506 508

Element Name	Exclusive	ElementHandler	PostHandler
A	No	fA	postfA
A1	No	fA1	null
A2	Yes	fA2	postfA2
A3	No	null	postfA3
A11	No	fA11	null
A12	No	fA12	postfA12
A21	No	fA21orA22	null
A22	No	fA21orA22	null
A31	No	fA31	null

FIG. 5

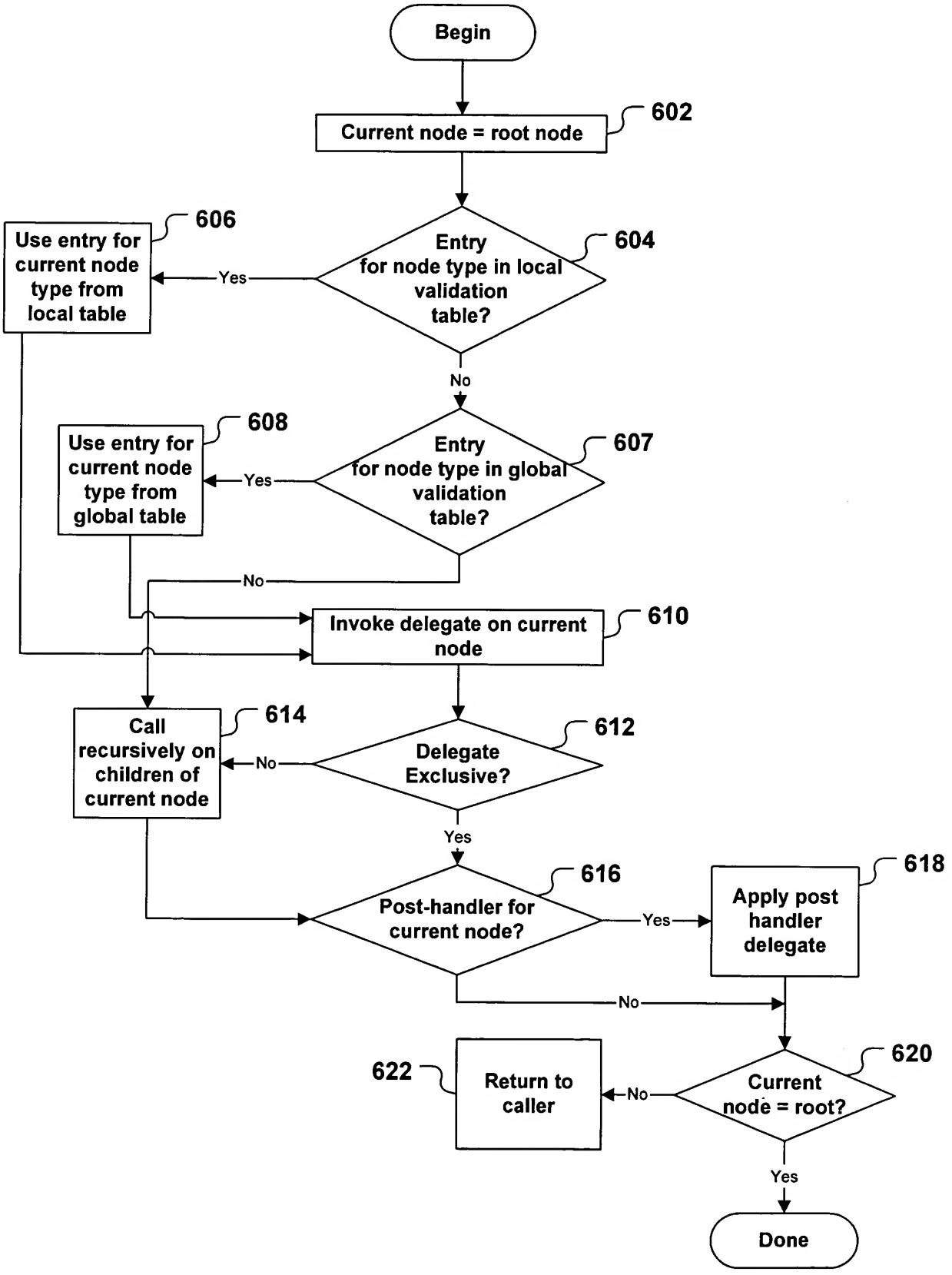
Begin
Current node = root node
602
Entry for node type in local validation table?
604
Yes
Use entry for current node type from local table
606
No
Entry for node type in global validation table?
607
Yes
Use entry for current node type from global table
608
No
Invoke delegate on current node
610
Delegate Exclusive?
612
No
Call recursively on children of current node
614
Yes
Post-handler for current node?
616
Yes
Apply post handler delegate
618
No
Current node = root?
620
No
Return to caller
622
Yes
Done

FIG. 6